REPORT NO. 79-3-12

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

## REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Edgefield Ranger District, Sumter National Forest

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 222,700 gross

DATE: March 20, 1979

PERCENT COVERAGE: 50%[1/]

AIRCRAFT: Cessna 172K

CREW: Hammond West, Edgefield Ranger District; Robert Bassett, Doraville Field Office

REPORT PREPARED BY: Robert Bassett

SURVEY OBJECTIVES: To conduct a detection survey for pine bark beetle activity on the Edgefield Ranger District.

## SURVEY RESULTS

No significant pine mortality was observed on the District except in nine areas damaged by fire. A very few small spots were probably a result of lightning or mechanical injury, etc. A substantial amount of ice damage was observed.

## CONCLUSIONS

Pine beetle activity is at a very low level on the survey area at this time. Another survey later in the summer may be conducted if bark beetle activity increases. We appreciate the assistance of Mr. Hammond West on this survey.

1/ Based on flight lines two miles apart, within a 1/2 mile viewing strip by each observer.

For any additional information, Contact:

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